

## UNITED STATES PATENT AND TRADEMARK OFFICE



APPLICANT(S) NIU, FENG  
APPLN. NO.: 10/029,039  
GROUP ART UNIT: 2817  
EXAMINER: SUMMONS,  
BARBARA  
FILED: 12/20/01 Confirmation No. 3665  
TITLE: REDUCED SIZE LOW LOSS MEMS TORSIONAL HINGES AND  
MEMS RESONATORS EMPLOYING SUCH HINGES

## Certificate of Mailing

Date of deposit:

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above, as first-class mail, with sufficient postage attached thereto, in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450

*Maria E. Rodriguez*  
Signature of Person Mailing Paper

Maria E. Rodriguez  
Printed Name of Person Mailing Paper

RESPONSE

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated 6/10/03, Paper No. 2, and Examiner's comments with regard thereto, please enter the following amendments in the above-entitled application, without prejudice or disclaimer.

AMENDMENTS TO THE CLAIMS:

1. (original) A Micro ElectroMechanical system comprising:  
a first torsional hinge that includes:  
a first end;  
a second end; and  
a first corrugated side edge.

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